## PATENT COOPERATION TREATS **PCT**

Reference No.: E Filing Date: September 28, 2006 Application No.: 10/594,826

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 13453-62PCT	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below
International application No. PCT/CA2005/000472	International filing date (day/month/year) 30 March 2005 (30-03-2005)	(Earliest)Priority date (day/month/year) 30 March 2004 (30-03-2004)
Applicant CANADIAN BLOOD SERV	ICES ET AL	
This international search report has bee Article 18. A copy is being transmitted	n prepared by this International Searching Author to the International Bureau.	ority and is transmitted to the applicant according to
This international search report consists	of a total of 5 sheets.	
[X] It is also accompanied by a	copy of each prior art document cited in this rep	port.
Basis of the report		
a. With regard to the language, the	international search was carried out on the basis	of:
[X] the international a	pplication in the language in which it was filed	
[ ] a translation of the of a translation fun	international application into nished for the purposes of international search (	, which is the language Rules 12.3(a) and 23.1(b))
b. [ ] With regard to any nucleotic	de and/or amino acid sequence disclosed in the	e international application, see Box No. I
. [X] Certain claims were found	unsearchable (see Box No. II)	
. [ ] Unity of invention is lacking	g (see Box No. III)	
. With regard to the title,		
[X] the text is approved as subm	itted by the applicant	
[ ] the text has been established	by this Authority to read as follows:	<b>6</b>
With regard to the abstract,		
[X] the text is approved as submi	tted by the applicant	
[ ] the text has been established,	according to Rule 38.2(b), by this Authority as	s it appears in Box No. IV. The applicant
may, within one month from	the date of mailing of this international search	report, submit comments to this Authority
With regard to the drawings,		
a. the figure of the drawings to	be published with the abstract is Figure No.	<u>12</u>
[ ] as suggested by the	applicant	
[ ] as selected by this A	uthority, because the applicant failed to sugges	st a figure
[ ] as selected by this A	uthority, because this figure better characterize	es the invention
b. [ ] none of the figures is	s to be published with the abstract	

#### INTERNATIONAL SEARCH REPORT

Box No. II

International application No. PCT/CA2005/000472

Box No.	Observations where certain claims were found unsearchable (Continuation of item 2 of the first sheet)
This interreasons:	national search report has not been established in respect of certain claims under Article 17(2)(a) for the following
1. [X]	Claim Nos.: 1-29, 46, 48, 54 and 56
	because they relate to subject matter not required to be searched by this Authority, namely:
;	Claims 1-29, 46, 48, 54 and 56, which encompass a method of treatment of the human/animal body, are not required to be searched by this Authority under Rule 39.1 (iv) PCT. Regardless, a search has been carried out and based on the alleged effects of the products defined.
2. [ ]	Claim Nos.:
	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
	Claim Nos. :
	because they are dependant claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)
Box No. I	II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Intern	ational Searching Authority found multiple inventions in this international application, as follows:
	- · · · · · · · · · · · · · · · · · · ·
	s all required additional search fees were timely paid by the applicant, this international search report covers all carchable claims.
	s all searchable claims could be searched without effort justifying additional fees, this Authority did not invite ayment of additional fees.
	s only some of the required additional search fees were timely paid by the applicant, this international search report overs only those claims for which fees were paid, specifically claim Nos.:
. [ ] N	o required additional search fees were timely paid by the applicant. Consequently, this international search report is
re	stricted to the invention first mentioned in the claims; it is covered by claim Nos.:
R	emark on Protest [ ] The additional search fees were accompanied by the applicant's protest and, where the payment of a protest fee.
	[ ] The additional search fees were accompanied by the applicant's protest but the applicable fee was not paid within the time limit specified in the invitation.
	[ ] No protest accompanied the payment of additional search fees.

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/CA2005/000472

A. CLASSIFICATION OF SUBJECT MATTER IPC(7): A61K 39/395, A61P 37/00, A61K 39/00

#### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC(7): A61K 39/395, A61P 37/00, A61K 39/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Canadian Patent Database, DELPHION, USPTO, ESPACENET, PUBMED

Autoimmune disease; immune thrombocytopenic purpura, ITP, thrombocytopenia, treatment, intravenous immunoglobulin, antibody; soluble antigen, anti-CD44, antibody antigen complex, ovalbumin, albumin, transferrin

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

2	WO 99/03495 A1 (AVRAHAM, H. and GROOPMAN J.E.) 28 January 1999	1, 2, 7, 11-15, 17-20, 25, 28-32, 37,
	Abstract; page 2, line 10 to page 4 line 12; page 11, line 35 to page 12, line 23; and page 21, line 25 to page 22, line 14.	43-47, 51, 52, 55 and 56
Y	, p-g,	4, 22, 27, 39-42, 49 and 54
2	WO 02/40047 A2 (LAZARUS, A. et al.) 23 May 2002 Abstract: page 5. line 11 to page 6. line 16.	1, 7, 11-15, 17-19, 25, 28-31, 43-46, 51, 52, 55 and 56
Y	the results, page of the re-	27 and 54
2	· · · · · · · · · · · · · · · · · · ·	51, 52, 55 and 56

[X] Further documents are listed in the continuation of Box C.	[X] See patent family annex.
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&" document member of the same patent family
Date of the actual completion of the international search 8 June 2005 (08-06-05)	Date of mailing of the international search report  27 July 2005 (27-07-2005)
Name and mailing address of the ISA/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 001(819)953-2476	Authorized officer  Qianfa Chen (819) 994-1374

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/CA2005/000472

ategory*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No.
Х	SONG, S. et al. Monoclonal IgG can ameliorate immune thrombocytopenia in a murine model of ITP: an alternative to IVIG. Blood. 1 May 2003. Vol.101, No.9, pages 3708-3713. Abstract; and page 3709, right column, line 19 to page 3711, right column,	1, 7, 11-15, 17-19, 25, 28-31, 43-46, 51, 52, 55 and 56
Y	line 22; and Figures 1-5.	27 and 54
X	CA 2,253,058 A1 (MADIYALAKAN, R. et al.) 02 March 2000 Page 13, line 12 to page 16, line 5; Examples 1 and 2; and claims 1-4, 42 and 46-48.	1, 7, 8, 11-14, 16, 30, 34, 43 and 44
Y	and 40-40.	4, 22, 27, 39-42, 49 and 54
x	WO 02/076384 A2 (SCHULTES, B. and NICODEMUS, C.F.) 3 October 2002	1, 7, 8, 11-14, 16, 30, 34, 43 and 44
Y	Page 10, line 24 to page 11, line 8; page 12, line 1 to page 16 line 14; and page 35, lines 13-25.	4, 22, 27, 39–42, 49 and 54
X, P	SIRAGAM, M. et al. Can antibodies with specificity for soluble antigens mimic the therapeutic effects of intravenous IgG in the treatment of autoimmune disease? J Clin Invest. January 2005; Vol.115, No.1, pages 155-160.  See entire document.	1-56
A	KUTER, D. and ROSENBERG, R.D. The reciprocal relationship of thrombopoietin (c-Mpl ligand) to changes in the platelet mass during busulfan-induced thrombocytopenia in the rabbit. Blood. 15 May 1995. Vol.85, No.10, pages 2720-2730.  Abstract; and page 2722, left and right columns, bridging paragraph.	1-56
A	AIGNER, S. et al. CD24 mediates rolling of breast carcinoma cells on P-selectin. FASEB J. September 1998. Vol.12, No.12, pages 1241-1251. Abstract; and page 1246, left column, last paragraph.	1-56
A	RISTAMÄKI, R. et al. Serum CD44 in malignant lymphoma: an association with treatment response.  Blood. 1 July 1994. Vol.84, No.1, pages 238-243.  Abstract; and page 238, right column, lines 15-17.	1-56

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